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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/604,716
Filing Date	12 August 2003
First Named Inventor	James P. EBLING et al.
Art Unit	2812
Examiner Name	
Total Number of Pages in This Submission	290
Attorney Docket Number	5701-00298

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 10 U.S. Patent Documents (List only) + 3 Foreign Patent Documents + 3 Other Prior Art Documents		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kurt L. VanVoorhies, Dinnin & Dunn, P.C.
Signature	
Date	16 August 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kurt L. VanVoorhies (VIA U.S. Express Mail Label No. ER 515282108 US)		
Signature		Date	16 August 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/604,716 Confirmation No. : 1715
Applicant : James P. EBLING et al
Filed : 12 August 2003
TC/A.U. : 2812
Examiner :
Title : MULTI-BEAM ANTENNA
Docket No. : 5701-00298
Customer No. : 26659



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(b)(3)

16 August 2004

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits this Statement in accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(b)(3), i.e., filing the statement before the mailing date of a first Office action on the merits. Enclosed herewith is the List of References Cited by Applicant (PTO-1449). As the instant application was filed after June 30, 2003, in accordance with the OG Notice of 05 August 2003, copies of the cited U.S. patents cited therein are not submitted herewith.

As all the references listed on attached Form PTO-1449 are in English, under 37 C.F.R. §1.98(a)(3), no further commentary is believed to be necessary. Applicant respectfully solicits the Examiner's consideration of the cited references and entry thereof into the record of this application.

Certification under 37 CFR § 1.10

I hereby certify that this correspondence is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on August 16, 2004 and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Name of Person Mailing: Kurt L. VanVoorhis Signature: Kurt L. VanVoorhis Date: August 16, 2004

Applicant, by submitting this Information Disclosure Statement, is attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Information Disclosure Statement is not intended to constitute an admission that any of the enclosed references, or other information referred to therein, is otherwise "material to patentability," as that term is defined in that section.

Respectfully submitted,

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16 August 2004

Enclosure



Based on Form PTO-1449 (3/90)		ATTY. DOCKET NO. 5701-00298	SERIAL NO. 10/604,716	Page 1
		APPLICANT James P. Ebling et al.		
		FILING DATE August 12, 2003	IDS DATE August 16, 2004	
U. S. PATENT DOCUMENTS				



EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
	AA	5,255,004	10/1993	Berkowitz et al.	343	853	
	AB	5,420,595	5/1995	Zhang et al	342	368	
	AC	5,486,832	1/1996	Hulderman	342	70	
	AD	5,583,511	12/1996	Hulderman	342	175	
	AE	5,933,109	8/1999	Tohya et al.	342	175	
	AF	5,959,578	9/1999	Kreutel, Jr.	342	373	
	AG	6,031,483	2/2000	Urabe et al.	342	70	
	AH	6,037,894	3/2000	Pfizenmaier et al.	342	70	
	AI	6,043,722	3/2000	Voigtlaender et al.	342	70	
	AJ	6,137,434	10/2000	Tohya et al.	342	70	
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION Yes No	
	AL	WO 92/13373	8/1992	WIPO	H01Q	19/06		X
	AM	EP 0 483 686 B1	4/1996	EPC	H01Q	25/00		X
	AN	WO 01/37374 A1	5/2001	WIPO	H01Q	15/04		X
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Wu, X. et al., "Design and Characterization of Single and Multiple Beam MM-Wave Circularly Polarized Substrate Lens Antennas for Wireless Communications", IEEE Antennas and Propagation Society International Symposium, 1999 Digest, APS, Orlando, Florida, July 11-16, 1999, New York, NY : IEEE, US, Vol. 4, July 1999 (1999-07-11), pages 2408-2411, XP000935569, ISBN: 0-7803-5640-3
AS	W. Burnham; J. Eddy; S. Gaboury; G. Ross, <i>A Product Developemnt Process View of Automotive Pre-Crash Safety Systems</i> , Masters of Science in Product Development Thesis, University of Detroit Mercy, 7 February 2003, 235 pages
AT	Supplementary European Search Report in European Application No. EP 00 98 0567, 1 July 2004, 3 pp.

EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	